

HP-0175 Protein, Helicobacter pylori, Recombinant (GST)

General Information

Synonyms:	Rotamase HP_0175;PPIase HP_0175;Putative peptidyl-prolyl cis-trans isomerase HP_0175
Protein Construction:	22-299 aa
Species:	Helicobacter pylori
Expression Host:	E. coli
Accession:	P56112
Molecular Weight:	58.8 kDa (predicted)
AA Sequence:	KPAHNANNATHNTKKTDDSSAGVLATVDGRPITKSDFDMIKQRNPNFDFDKLKEKEKEALIDQAIRTALVENE AKTEKLDSTPEFKAMMEAVKKQALVEFWAKKQAEVKKVQIPEKEMQDFYNANKDQLFVKQEAHARHILVK TEDEAKRIISEIDKQPKAKKEAKFIELANRDTIDPNSKNAQNGGDLGKFQKNQMAPDFSKAAAFALTPGDYTKT PVKTEFGYHIIYLISKDSPVTTYEQAKPTIKGMLQEKLQFQERMNQRIEELRKHAKIVINK

QC Testing

Biological Activity:	Measured by its binding ability in a functional ELISA. Immobilized yuaB at 5 µg/mL can bind human HP_0175 with a linear range of 31.25-600.00 ng/mL.
Purity:	> 90% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

N/A

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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